

Species Tag:	50004	Name:	O3-asym-O-18
Version:	2		Asymmetric ¹⁸ O ozone
Date:	Mar. 1984		
Contributor:	H. M. Pickett		
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Lines Listed:	7304	Q(300.0)=	7214.397
Freq. (GHz) <	6209	Q(225.0)=	4685.975
Max. J:	50	Q(150.0)=	2549.765
LOGSTR0=	-8.9	Q(75.00)=	904.065
LOGSTR1=	-9.0	Q(37.50)=	320.258
Isotope Corr.:	-2.389	Q(18.75)=	113.763
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	40.607
μ_a =		A=	104573.161
μ_b =	0.5324	B=	12591.48
μ_c =		C=	11212.5057

The catalog of asymmetric ¹⁸O ozone is based on the work of J. Depannemaecker and J. Bellet, 1977, J. Mol. Spect. **66**, 106. The dipole moment used is the ¹⁶O₃ value rotated to the inertial axes of asymmetric ¹⁸O ozone (based on the equilibrium structure). The new calculation extends the catalog in frequency and J.